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Dated: August 4, 2004

Signature: Diane Blevins

(Diane Blevins)

Docket No.: 471842000100  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Xiaobo WANG et al.

Application No.: 09/636,104

Filed: August 10, 2000

For: METHODS FOR MANIPULATING MOIETIES  
IN MICROFLUIDIC SYSTEMS



Confirmation Number: 6349

Art Unit: 1753

Examiner: John S. Starsiak Jr.

**AMENDMENT AFTER FINAL ACTION (37 C.F.R. SECTION 1.116)**

Mail Stop AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

**INTRODUCTORY COMMENTS**

This is in response to the final Office Action dated May 4, 2004, for which a response is due on August 4, 2004. Accordingly, this response is timely filed. Reconsideration and allowance of the pending claims, as amended, in light of the remarks presented herein are respectfully requested. Enclosed are amended drawings Figures 1-15.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 12 of this paper.